

B-R) Remarks to the specifications amendments

November 22, 2003 10/038,459

(Page 8, paragraph 2)

“Fig. 1(c) shows a prior art waveguide probe (38) with a main probe body (30) and a slot (16). The slot has an axis (15) for connection to the first part (7) of central metal pin (2). According to the prior art structure, the electric field or E-field (39') of the microwave signals (39) will be perpendicular to the broad side walls (32,33) or parallel to broad walls (20b) defining a reference plane as depicted in Fig. 3(a).” has been added after “ --- signals (39) to be propagated.” To describe the features of the waveguide probe. [examiners’ Remark No. 4]

(Page 10, paragraph 3 – page 11 paragraph 1)

“(51) as shown in Fig. 3(d)” has been inserted between “The universal launcher adapter” and “is constructed by metals –“., alloys or plastic materials with layers of metals coated on all walls. A through channel (52) is arranged “region” has been inserted between “-- in the center” and “of the broad wall (53).” [Remark 3]

A paragraph has been inserted between “--which has two broad waveguide walls (56)” and “It is noted that” to describe the universal launcher adaptor and waveguide section. [Remark 5]

The word “**adaptor**” has been inserted between “(55) for” and “(51)” and [Remark 2].

“as shown in Fig. 3(a)” has been added after “conductive housing” {Remark 2}

(Page 14, paragraph 2 – page 15, paragraph 1)

“Fig. 4(a) - (d)” has been replaced by “Fig. 4(a) - 4(d)” [Remark 3]

C-R) Remarks on the Amendments to the drawings and figures

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Fig. 1(b): numeral “39” has been added to indicate the E-field. Wavy arrow has been added to replace the original arrow to represent microwave signals. [Remark 1]

Fig. 3(a): numeral “39” has been added to indicate the E-field. The horizontal arrow has been deleted to clarify the E-field. [Remark 1]

Fig. 3(b): numerals “52”, “53”, “54”, “54a”, “55a” and arrows have been added to clarify key features. [Remark 5]

Fig. 3(d): numeral “54” and a guide line have been added [Remark 5]

Fig. 3(c): numeral “50’ ”, and 56’ “ have been added. [Remark 5]

Fig. 4C: numerals “69” have been replaced by “40a” [Remark 4]

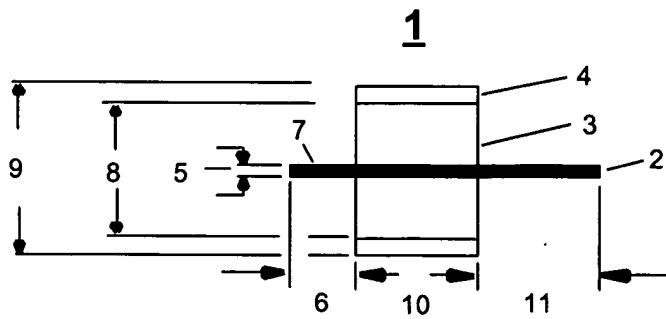
(Page 15, paragraph 2 – page 16 paragraph 1)

New sentences “Each of the L-shape waveguide probes (40) formed is covered by a photoresist pattern (40a). It is noted that due to the etching, there is an edge recess or undercutting (U) in the peripheral regions for each waveguide probes (40).” have been added to replace “ Here, L-shape waveguide probes (40) are created by the etching.” to describe undercutting and features shown in Fig. 4. [Remark 4]

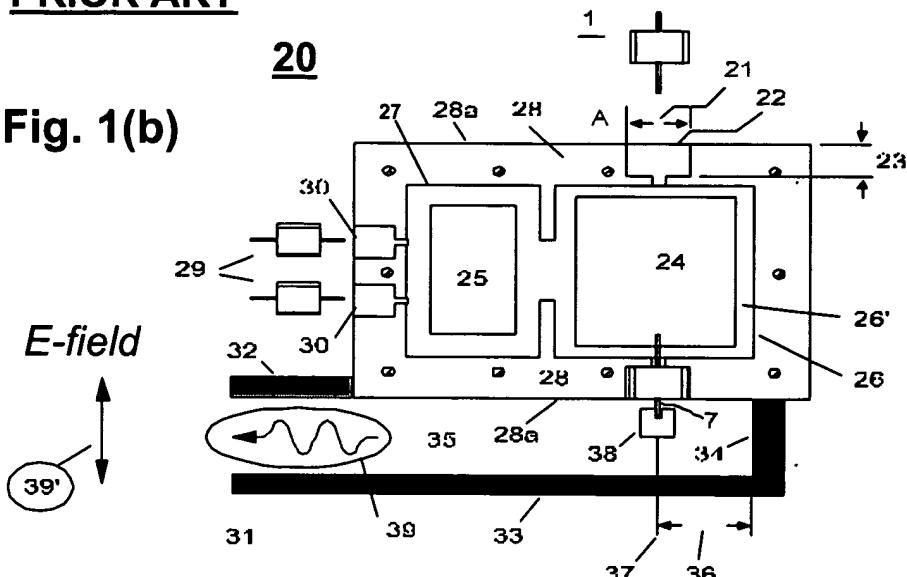
Appendix:

Annotated Marked-up Drawings: 11-22-2003 10/038,459

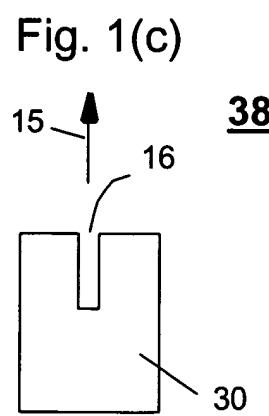
PRIOR ART



PRIOR ART



PRIOR ART



40

Fig. 3(a)

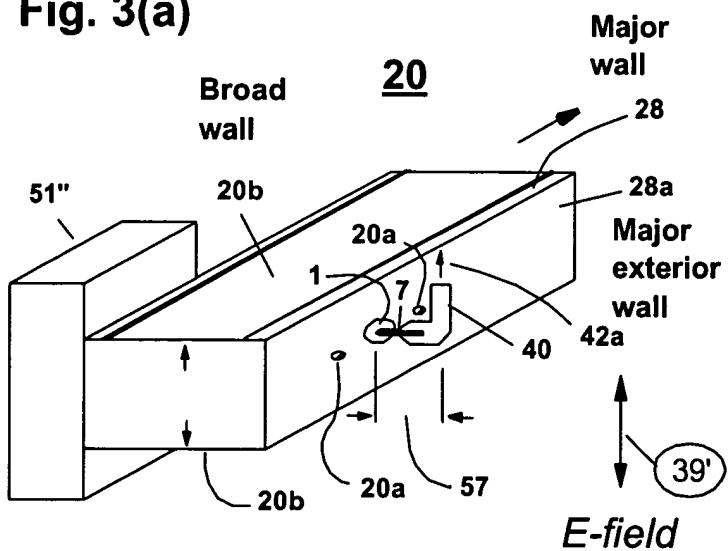


Fig. 3(e)

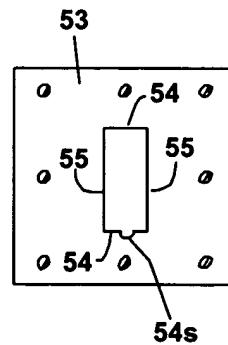


Fig. 3(b)

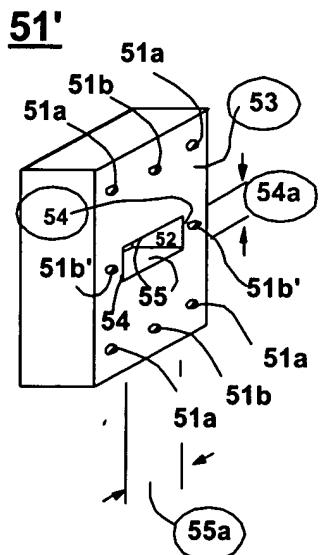


Fig. 3(d)

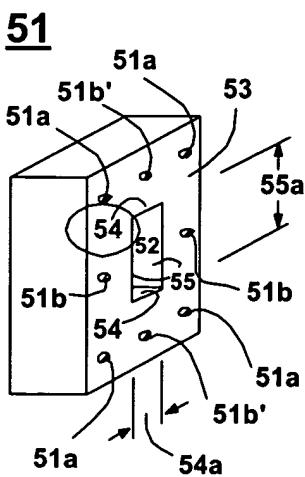


Fig. 3(c)

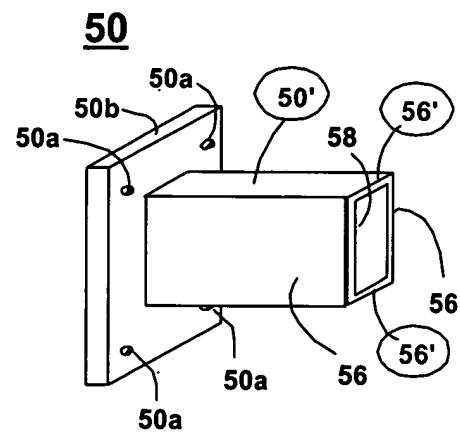


Fig. 4(a)

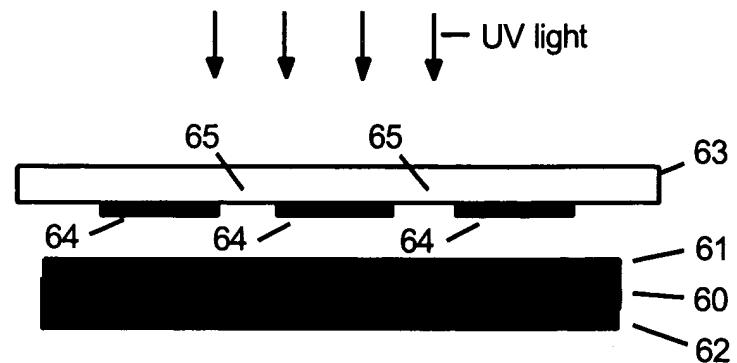


Fig. 4(b)

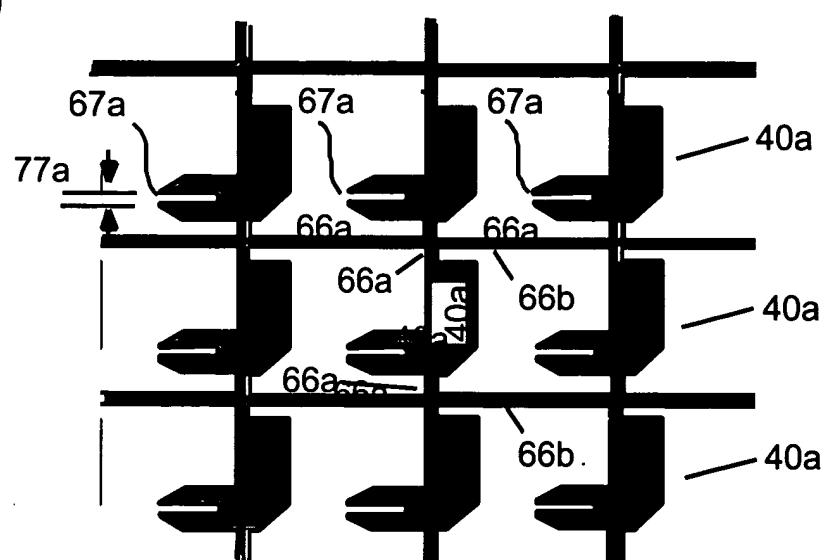


Fig. 4(c)

